



Health Science Career Cluster

Statewide Program of Study: *Nursing Science*

Course Information

Level 1

Course	Prerequisites Corequisites	Career Clusters
Principles of Health Science* 13020200 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Principles of Nursing Science N1302109 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

Level 2

Course	Prerequisites Corequisites	Career Clusters
Science of Nursing N1302129 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Nursing Science or Principles of Health Science Recommended Corequisites: None	
Medical Terminology* 13020300 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

Level 3

Course	Prerequisites Corequisites	Career Clusters
Health Science Theory* 13020400 (1 credit)	Prerequisites: One credit in biology and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Medical Terminology Recommended Corequisites: Health Science Clinical	
Health Science Theory + Health Science Clinical* 13020410 (2 credits)	Prerequisites: One credit in biology and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Medical Terminology Recommended Corequisites: None	
Anatomy and Physiology* 13020600 (1 credit)	Prerequisites: One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None	

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* Indicates course is included in more than one program of study in this career cluster.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



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Level 3	Medical Microbiology* 13020700 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
	Leadership and Management in Nursing 13021225 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Science of Nursing Recommended Corequisites: None	
	Clinical Ethics* N1302121 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Nursing Science and Science of Nursing Recommended Corequisites: None	
Level 4	Pathophysiology* 13020800 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Anatomy and Physiology Recommended Corequisites: None	
	Pharmacology* 13020950 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

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Level 4

Course	Prerequisites Corequisites	Career Clusters
Practicum in Nursing 13021230 (2 credits)	Prerequisites: One credit in biology, one credit in chemistry, and at least one course in a Level 2 or higher course in the Nursing Science program of study Corequisites: None Recommended Prerequisites: Science of Nursing, Medical Terminology, and Anatomy and Physiology Recommended Corequisites: None	
Practicum in Health Science* First Time Taken: 13020500 (2 credits) Second Time Taken: 13020510 (2 credits)	Prerequisites: Health Science Theory and biology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Practicum in Health Science + Extended Practicum in Health Science* First Time Taken: 13020505 (3 credits) Second Time Taken: 13020515 (3 credits)	Prerequisites: Health Science Theory and biology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits)	Prerequisites: : At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

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